## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
Si	7557	(250/396r-396ml). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/14 12:02
<u>\$2</u>	4189	@ad<"20031230" and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 12:07
83	782	@ad<"20031230" and S1 and electron beam with (plurals4 or array or (at adj least) or (one adj "or" adj more) or many or multipls4 or multis4 or severals4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 12:08
S4	429	@ad<"20031230" and S1 and electron with (source or emitts4 or injects4) with (plurals4 or array or (at adj least) or (one adj "or" adj more) or many or multipis4 or severals4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14
<b>S</b> 5	258	@ad<"20031230" and S1 and electron with (source or emitts4 or injects4) with (plurals4 or array or (at adj least) or (one adj "or" adj more) or many or multipls4 or multis4 or severals4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/05/14 12:15

<b>S</b> 6	0	or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj	US-PGPUB; USPAT; USPOT; USOCR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/05/14
S7	14	@ad<"20031230" and St and electron with (source or emitts4 or injects4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen)	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 14:08
S8	153752	("250"). CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/14 14:15

S9	42	@adc "20031230" and \$83 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (dat adj least) or (one adj "or" adj more) or many or multip\$4 or multip\$4 or or several\$4) and (aperture or orifice or ororifice or ororifice or orifice or ororifice or or ororifice ororifice or ororifice ororifice ororifice ororifice ororifice ororifice or ororifice ororifice ororifice oroxidate oroxidat	US-PATPUS; USPAT; USPAT; USCOR; EPO; JPO; DETWIENT; IBM_TDB	ADJ	ON	2009/05/14 14:15
S10	153753	("250").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 13:01
Si1	58	@ad<"20031230" and S10 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multip\$\$4 or multi \$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multip\$\$4 or multi\$\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen or matir\$4)	US PCPUB; USPAT; USOOR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/05/18 13:01
S12	153802	("250").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/19 17:52

S13	6	@ad<"20031230" and \$12 and electron with (source or emitt\$4 or inject\$4) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multip\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multip\$4 or micropoint\$4 or micro point\$4 or micropoint\$4 or micropoint\$4 or micropoint\$4 or nano tub\$4	US-PATE, USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPO; EPO; JPO; UFWENT; IBM_TDB	ADJ	ON	2009/05/19
S14	18107	(250/396R-396ML,492.1- 492.3,493.1-494.1).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 13:08
S15	27	@ad<"20031230" and S14 and electron with (source or emittS4 or inject\$4) with (plural\$4 or array or (at adj least) or (oray or inject\$4) with (plural\$4 or and "or" adj more) or many or multipl\$4 or multipl\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or open\$3 or inlet or open\$3 or inlet or open\$3 or oridaphragm or passage\$4 or hole) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and cathode and extract\$4 with (array or grid or mesh or screen or matri\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DEFWMENT; IBM_TDB	ADJ	ON	2009/05/20 13:08

S16	4	@ad<"20031230" and S14 and electron with (source or emittS4 or injectS4) with (pluratS4 or array or (at adj least) or (one adj "or" adj more) or many or multiplS4 or multi s4 or severatS4) and (aperture or orifice or openS3 or inlet or entrance or diaphragm or passageS4 or hole) with (pluratS4 or array or (at adj least) or (one adj "or" adj more) or many or multiplS4 or multiS4 or severatS4) and cathode and extractS4 with (array or grid or mesh or screen or matriS4) and (micro? pointS4 or micropointS4 or nano? tubS4 or nano tubS	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/20
S17	1	@ad<"20031230" and S14 and electron with (source or emittS4 or injectS4) with (pluralS4 or array or (at adj least) or (one adj "or" adj more) or many or multipis4 or multi \$4 or severalS4) and (aperture or orifice or openS3 or inlet or entrance or diaphragm or passageS4 or hole) with (pluralS4 or array or (at adj least) or (one adj "or" adj more) or many or multiplS4 or multi\$4 or severalS4) and cathode and extract\$4 with (array or grid or mesh or screen or matris4) and substrate same3 cathode same3 extract\$4	US-PGPUB; USPAT; USOOR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/05/20

S18	15	@ad<"20031230" and SI4 and electron with (source or emittS4 or injectS4) with (pluralS4 or array or (at adj least) or (one adj "or" adj more) or many or multiplS4 or multi \$4 or severalS4) and (aperture or orifice or openS3 or inlet or entrance or diaphragm or passageS4 or hole) with (pluralS4 or array or (at adj least) or (one adj "or" adj more) or many or multiplS4 or multis4 or severalS4) and cathode and extractS4 with (array or grid or mesh or screen or matriS4) and substrate sameS cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/05/20
S19	2	("5548185").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/20 13:24
S20	2	((YOHAN) near2 (DESIERES)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/05/20 13:28
S21	56	((PIERRE) near2 (NICOLAS)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:48
\$22	4	((CHARLOTTE) near2 (GILLOT)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:48
\$23	32	((SERGE) near2 (GIDON)). INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:48
S24	16	((JEAN-LUC) near2 (MARTIN)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:48
\$25	3	((YOHAN) near2 (DESIERES)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/10/14 12:49
S26	105	S25 S24 S23 S22 S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 12:49
<b>S</b> 27	3748	COMMISSARIAT ADJ2 L'ENERGIE ADJ ATOMIQUE AS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 12:51

S28	61	@AD< "20041229" AND \$26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 12:55
S29	12	US-5548185-\$.DID. OR US-5430347-\$.DID. OR US-1249855-\$.DID. OR US-1101602-\$.DID. OR US-6091202-\$.DID. OR US-1380126-\$.DID. OR US-8911157-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 12:55
\$30	10	EP-1249855-\$.DID. OR US-5548185-\$.DID. OR EP-0780879-\$.DID. OR US-1380126-\$.DID. OR US-25763997-\$.DID. OR US-5763997-\$.DID. OR DE-69615804-\$.DID. OR JP-3033484-\$.DID. OR JP- 917794-\$.DID. OR US- 6091202-\$.DID. OR US-	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:01
\$31	10	EP-1249855-\$.DID. OR US-5548185-\$.DID. OR EP-0780879-\$.DID. OR US-1380126-\$.DID. OR US-25763997-\$.DID. OR US-5763997-\$.DID. OR DE-69615804-\$.DID. OR JP-3033484-\$.DID. OR JP- 917794-\$.DID. OR US- 6091202-\$.DID. OR US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:47
S32	8	@AD< "20041229" AND \$31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 12:47
<b>S3</b> 3	18559	(250/396R-396ML,492.1- 492.3,493.1-494.1).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/05 12:50

S34	981	@ad-"20031230" and \$33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/11/05 12:50
835	547	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or several\$4)	US-PGPUB; USPAT; USOOR; EPO; JPO; DEFAWENT; IBM_TDB	ADJ	ON	2009/11/05
S36	O	@ad-"20031230" and \$333 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipi\$4 or multis\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (Ag or gold) with (ball or spher\$7 or dome)	US-PATE: USPAT; USPAT; USOOR; EPO; JPO; DEFRWENT; IBM_TDB	ADJ	ON	2009/11/05

\$37	1	i@ad<"20031230" and s33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matrix or matrix or matigation adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4\) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matrix or matrix or matrix or matrix or matrix or god one adj "or" adj more) or many or multipl\$4 or several\$4\) and (Ag or god of same (ball or spher\$7 or dome)	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 12:56
S38	4	@ad<"20031230" and \$33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (Ag or gold ) same (ball or spher\$7 or dome or glob \$32)	US-PGPUB; USPAT; USOOR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/11/05 12:57

\$39	0	@ad<"20031230" and S33 and electron with (source or emittS4 or injectS4 or gun or cathode or filament) with (plurals4 or array or matrix or matris3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or omany or multipl\$4 or several\$4) and (Ag or gold) with (ball or spher\$7 or dome or glob \$30 or cound\$4).	US-PGPUB; USPAT; USOOR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/11/05 12:57
\$40	4	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipi\$4 or multi\$4 or several\$4) and (Ag or gold) same (ball or spher\$5' or dome or glob \$3 or round\$4)	US-PGPUB; USPAT; USOOR; EPO; JPO; DEFWMENT; IBM_TDB	ADJ	ON	2009/11/05 12:57

S41	234	@ad<"20031230" and s33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matrix or matrix or matrix or or many or multipl\$4 or several\$4) and (ball or spersal\$5 or dome or glob\$3 or round\$4)	US-PGPUB; USPAT; USPOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 13:03
S42	158	@ad-"20031230" and \$33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matri\$5 or (at adj least) or (one adj "or" adj more) or many or multipi\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inilet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipi\$4 or multi\$4 or several\$4) and (ball or several\$4)	US-PGPUB; USPAT; USOOR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/11/05

S43	4	@ad<"20031230" and S33 and electron with (source or emittS4 or injectS4 or gun or cathode or filament) with (pluralS4 or array or matrix or matrix3 or (at adj least) or (one adj "or" adj more) or many or multiplS4 or multis4 or severalS4) and (aperture or office or openS3 or inlet or entrance or diaphragm or passageS4 or hole) with (pluralS4 or array or matrix or matrix3 or (at adj least) or (one adj "or" adj more) or many or multiplS4 or multis4 or severalS4) and (ball or spherS7) with (metalS4 or alloy)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05
S44	4	S43 not S40	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 13:04
<b>S</b> 45	547	@ad<"20031230" and S33 and electron with (source or emitt\$4 or inject\$4 or gun or cathode or filament) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or office or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matrix\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or several\$4)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05
S46	2	("5548185").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/05 14:01

<b>S</b> 47	949	@ad<"20031230" and S33 and electron with (Source or emitt\$4 or inject\$4 or gun or beam) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$5 or (at adj least) or (one adj "or" adj more) or many or multip\$4 or several\$4)	US PCPUB; USPAT; USCOR; EPO; JPO; DETWIENT; IBM_TDB	ADJ	ON	2009/11/05 14:13
\$48	259	@ad<"20031230" and \$33 and electron with (source or emitt\$4 or inject\$4 or gun or beam) with (plural\$4 or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (electrod \$4) with (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$54)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:17
\$50	72	@ad<"20031230" and S33 and electron with (source or emittS4 or inject\$4 or gun or beam) with (plural\$4 or matri\$5 or (at adj least) or (one adj "or" adj more) or matri\$4 or several\$4) and (electrod \$4\$) with (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matri\$7 or matri\$3 or (at adj least) or (one adj "or"	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05 14:19

	(reserves es e	adj more) or many or multipl\$4 or multi\$4 or several\$4) with (membrane or layer or surface)				***************************************
951	72	@ade "20031230" and S33 and electron with (source or emitt\$4 or gun or beam) with (plural\$4 or array or matrix or matri \$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or several\$4) and (electrod\$4) with (aperture or orifice or open\$3 or inlet or entrance or diaphragm or passage\$4 or hole) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) with (membrane or layer or surface)	US-PCPUB; USPAT; USOCR; EPO; JPO; DEFWMENT; IBM_TDB	ADJ	ON	2009/11/05 14:29
852	60	@ad<"20031230" and S33 and electron with (source or emittS4 or gun or beam) with (pluralS4 or array or matrix or matri \$3 or (at adj least) or (one adj "or" adj more) or many or multiplS4 or multi \$4 or severalS4) and (electrodS4) with (aperture or diaphragm) with (pluralS4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or severalS4) with (membrane or layer or surface)	US-PGPUB; USPAT; USOOR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/11/05

\$53	1	@ad<"20031230" and \$33 and electron with (source or emitt\$4 or gun or beam) with (plural\$4 or array or matrix or matri \$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi \$4 or several\$4) and (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) with (membrane or layer or surface) and electrode with (metal\$4 or conduct \$4 or semiconduct\$4) with membrane	US PCPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05
S54	34	@ad<"20031230" and 333 and electron with (source or emitt\$4 or gun ) with (plural\$4 or array or matrix or multip\$4 or several\$4) and (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matrix or matrix or or adj "or" adj more) or many or multip\$4 or several\$4) with (membrane or layer or surface) and electrode with (metal\$4 or sonduct\$4) or onduct \$4 or semiconduct\$4)	US PGPUB; USPAT; USOOR; EPO; JPO; DEFEMENT; IBM_TDB	ADJ	ON	2009/11/05 14:55

\$55	32	@ad<"20031230" and S33 and electron beam with (source or emitt\$4 or gun ) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) and (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or several\$4) with (membrane or layer or surface) and electrode with (metal\$4 or conduct \$4 or semiconduct\$4)	US PGPUB; USPAT; USOOR; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/11/05
<b>S</b> 56	40	@ad<"20031230" and S33 and electron beam with (source or emitt\$4 or gun ) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multip\$4 or several\$4) and (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matri\$3 or (at adj least) or (one adj "or" adj more) or many or multipl\$4 or multip\$4 or multip\$4 or several\$4) with (substrate or plate or membrane or layer or surface) and electrode with (metal\$4 or semiconduct\$4)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/05
S57	40	@ad<"20031230" and S33 and electron beam with (source or emitts4 or gun ) with (plurals4 or array or matrix or matrix or matrix or matrix or matrix or or matrix or ma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ÓN	2009/11/05 15:13

	***************************************	adj least) or (one adj "or" adj more) or many or multipl\$4 or multi\$4 or several\$4) with (substrate or plate or membrane or layer or surface) and electrode with (metal\$4 or \$4conduct\$4)			***************************************	
S58	2	"US 20070080647"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/11/05 15:15
S59	8	@ad<"20031230" and S33 and electron beam with (source or emitts4 or gun ) with (plural\$4 or array or matrix or multip\$4 or several\$4) same (electrod\$4) with (aperture or diaphragm) with (plural\$4 or array or matrix or matrix or (at adj least) or (one adj "or" adj more) or matrix or multip\$4 or several\$4) with (substrate or plate or membrane or layer or surface) and electrode with (metal\$4 or \$4conduct\$4)	US-PGPUB; USPAT; USOOR; EPO; JPO; DEFWMENT; IBM_TDB	ADJ	ON	2009/11/05 15:35
S60	1	(US-5363021-\$).did.	USPAT	ADJ	ON	2009/11/05 17:10
S61	1	(US-20050035300-\$).did.	US-PGPUB	ADJ	ON	2009/11/05 17:12
S62	1	(US-20030218140-\$).did.	US-PGPUB	ADJ	ON	2009/11/05 17:12
S63	1	(US-20010052576-\$).did.	US-PGPUB	ADJ	ON	2009/11/05 17:12
S64	1	(US-6872950-\$).did.	USPAT	ADJ	ON	2009/11/05 17:13
S65	1	(US-6617595-\$).did.	USPAT	ADJ	ON	2009/11/05 17:13
S66	1	(US-6512235-\$).did.	USPAT	ADJ	ON	2009/11/05 17:13
S67	1	(US-6175122-\$).did.	USPAT	ADJ	ON	2009/11/05 17:14
S68	1	(US-5981962-\$).did.	USPAT	ADJ	ON	2009/11/05 17:14

S69	1	(US-5962859-\$).did.	USPAT	ADJ	ON	2009/11/05 17:14
S70	1	(US-5486697-\$).did.	USPAT	ADJ	ON	2009/11/05 17:15
S71	1	(US-5363021-\$).did.	USPAT	ADJ	ON	2009/11/05 17:15
S72	11	960 961 962 963 964 965 966 967 968 969 970 971	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 17:15
S73	1	(US-5363021-\$).did.	USPAT	ADJ	ON	2009/11/05 17:17

<sup>11/6/2009 12:57:56</sup> PM

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